

477 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring  
FME Male Connector, Black Fiberglass Radome



## Antennas Technical Data Sheet

**PEANOM1073**

### Features

- Heavy Duty 5.5mm Spring Diameter
- Vertically Polarized
- 6.5 dBi Gain
- FME Male Connector
- 14.75 ft RG58 Cable
- Black Fiberglass Radome

### Applications

- Offroad/Overland Vehicles
- Mining/Industrial Heavy Equipment
- Commercial Trucking
- Fleet Management
- Farm Equipment

### Description

Pasternack's PEANOM1073 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. The antenna with 472 to 482 MHz frequency range has a maximum input VSWR of 2. This omni directional antenna has FME male connectors.

This antenna has a black radome made of fiberglass, an overall length of 28.74 in, width of 2 in, and weighs 2.42 lbs. Pasternack's PEANOM1073 is a single band antenna operating from 472 to 482 MHz with 6.5 dBi gain.

Pasternack's experts are on hand to assist you with any inquiries. Order this PEANOM1073 antenna 7 days a week. 24 hours a day using our on-line ordering system with no MOQs (minimum order quantity) and same-day shipping.

### Configuration

Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	FME Male

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	472		482	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		6.5		dBi
Input Power			100	Watts

### Mechanical Specifications

Radome Material	Fiberglass
<b>Size</b>	
Overall Length	28.74 in [730 mm]
Width	2 in [50.8 mm]
Height	2 in [50.8 mm]
Weight	2.42 lbs [1.1 kg]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [477 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring FME Male Connector, Black Fiberglass Radome PEANOM1073](#)

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### Environmental Specifications

#### Temperature

Operating Range

-40 to +80 deg C

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

477 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring FME Male Connector, Black Fiberglass Radome from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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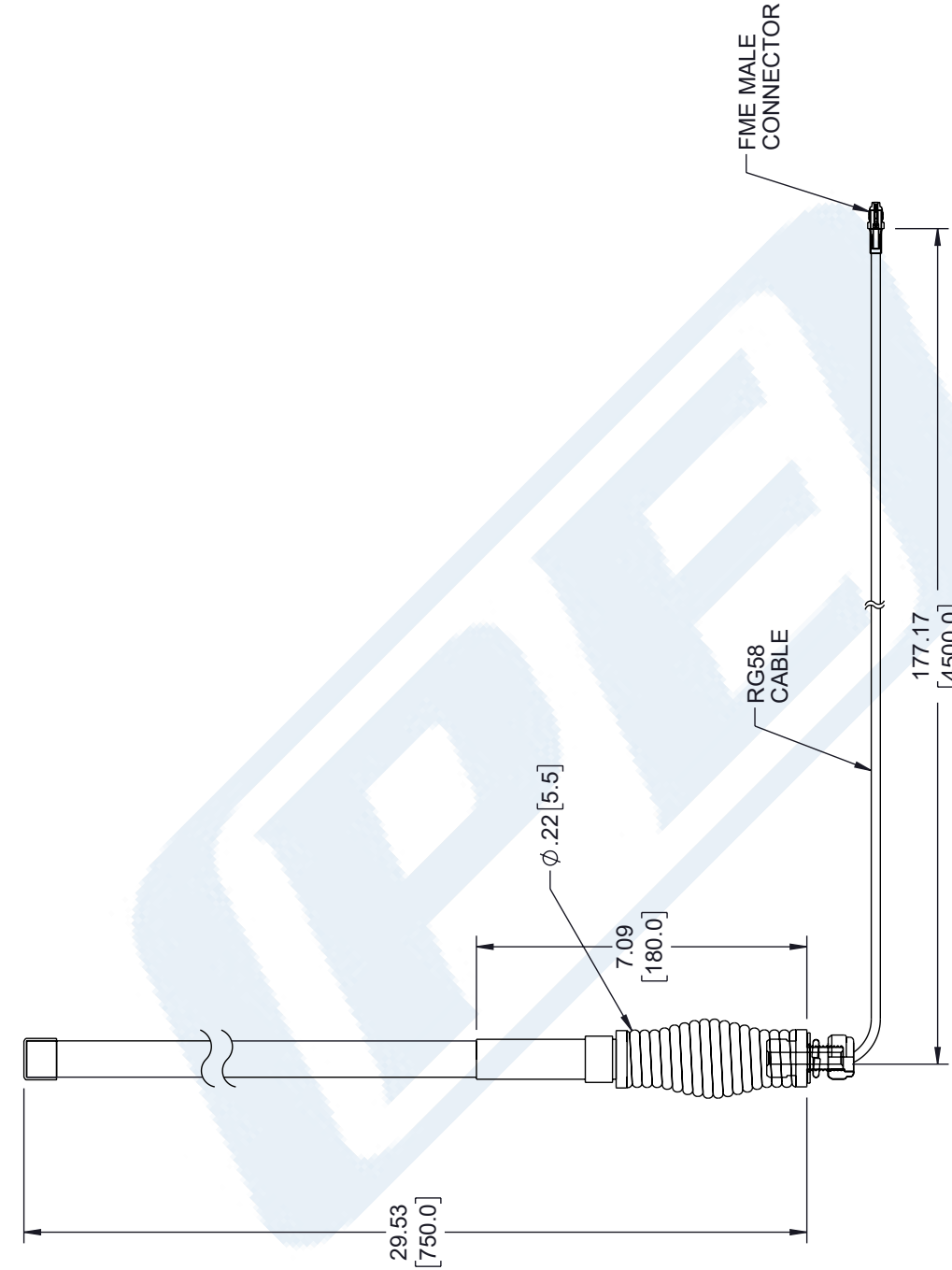
URL: <https://www.pasternack.com/477-mhz-omni-antenna-6.5-dbi-gain-5.5-mm-spring-fme-male-connector-black-fiberglass-radome-peanom1073-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PEANOM1073 CAD Drawing

477 MHz Omni Antenna 6.5 dBi Gain, 5.5 mm Spring FME  
Male Connector, Black Fiberglass Radome

REVISION			
ZONE	REV.	DESCRIPTION	DATE
	A	INITIAL RELEASE	2/28/2023
			CHANGED BY
			HBAKKE
			APPROVED BY
			KHIETPAS



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
X = ±.2 [5]	FRACTIONS ± 1/32
.XX = ±.02 [.5]	ANGLES ± 1°
.XXX = ±.005 [.13]	
CABLE LENGTH TOLERANCES:	
≤12 [305] = +1 [25] / -0	
>12 [305] ≤ 60 [1524] = +2 [51] / -0	
>60 [1524] ≤ 120 [3048] = +4 [102] / -0	
>120 [3048] ≤ 300 [7620] = +6 [152] / -0	
>300 [7620] = +5% / -0	
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE	



Website: [www.Pasternack.com](http://www.Pasternack.com)  
Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION

477 MHZ OMNI ANTENNA 6.5 DBI, VEHICLE 5.5 MM SPRING,  
14.75 FT RG58 FME MALE 43.3 IN. BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	HBAKKE	PEANOM1073	A

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